

Date: Thu, 26 Aug 93 04:30:17 PDT
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V93 #27
To: Ham-Ant

Ham-Ant Digest Thu, 26 Aug 93 Volume 93 : Issue 27

Today's Topics:

 Comments on SGC-230 tuner wanted!
 Excess coax to 2-meter mobile antenna (2 msgs)
 Wanted - a long distance AM antenna
 WANTED- Directional FM Broadcast-band antenna

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 25 Aug 93 14:37:57 EDT
From: das.wang.com!wang!tossport!lee@uunet.uu.net
Subject: Comments on SGC-230 tuner wanted!
To: ham-ant@ucsd.edu

That says it - anyone out there using it and, if so, what
do you think of it?

Lee

Date: 25 Aug 1993 13:46:34 -0400
From: agate!howland.reston.ans.net!gatech!hubcap!opusc!not-for-mail@ames.arpa
Subject: Excess coax to 2-meter mobile antenna
To: ham-ant@ucsd.edu

Hi. I've got a Larsen 2-meter mag mount antenna on my car.

I've got about 10 feet of feedline left over that I don't know what to do with.

I've currently got it coiled and taped to the underside of the trunk, but I'm worried that this coil might change the impedance, or otherwise degrade my signal.

Should I make a larger coil, leave it like it is (about 10" diameter), or cut off the end and make the feedline shorter?

Thanks,

Berry
KE4DCC/AE

Date: Wed, 25 Aug 1993 20:51:22 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!news.ecn.bgu.edu!feenix.metronet.com!marchbg@network.ucsd.edu
Subject: Excess coax to 2-meter mobile antenna
To: ham-ant@ucsd.edu

In article <25g8hq\$mc1@kermit.csd.scarolina.edu>
berry@kermit.csd.scarolina.edu (Berry Mobley) writes:
>Hi. I've got a Larsen 2-meter mag mount antenna on my car.
>I've got about 10 feet of feedline left over that I don't know what
>to do with.
>I've currently got it coiled and taped to the underside of the trunk,
>but I'm worried that this coil might change the impedance, or otherwise
>degrade my signal.
>Should I make a larger coil, leave it like it is (about 10" diameter),
>or cut off the end and make the feedline shorter?

Well, to determine what type of additional loss you'll have we have to know what type of cable your using , rg213, 9913, rg58, etc, BUT ...

10' of cable in a mobile installtion shouldn't really matter much. It won't hurt a thing to cut it of and get r9i of that coil you've got. At VHF the effect of an extra 10' on the antenna (which already presnets 50 ohms) is nill. And let's say that your llarson has RG-58, an extra 10' of that cable will probably add less than .25 db of loss, if that much, and that will really be negliable unless your running weak-signal SSB mobile!

--

Marc B. Grant, N5MEI | marchbg@feenix.metronet.com | 214/231-3998 (voice)

P.O Box 850472 | marcbg@esy.com | 214/231-0025 (fax)
Richardson, TX 75085 | |

Date: 25 Aug 93 18:54:14 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!yeshua.opl.com!news.kei.com!bloom-beacon.mit.edu!biosci!agate!spool.mu.edu!sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!rkarlqu@network.
Subject: Wanted - a long distance AM antenna
To: ham-ant@ucsd.edu

In article <1993Aug24.214236.3004@kodak.rdc.kodak.com>,
Barry x24904/ER/167B-TED <ornitz@kodak.rdc.kodak.com> wrote:
>In article <1993Aug24.174637.10864@hpcvca.cv.hp.com>
>hintzman@hpcvcbn.cv.hp.com writes:
>>I'm interested in assembling a good antenna for receiving commercial AM
>>broadcasts. By that I mean being able to bring in stations 200 miles or
>>more away. Depending on atmospheric conditions, I can pull in these
>>stations at night, but during the day the range is quite limited.
>
>It is very doubtful you will be able to receive daytime MW signals from
>several hundred miles away. You will run into what is know as D-layer

Date: 25 Aug 1993 20:31:08 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!ih-mac06.cso.uiuc.edu!user@network.ucsd.edu
Subject: WANTED- Directional FM Broadcast-band antenna
To: ham-ant@ucsd.edu

Hey there...
I know this group is dedicated to amateur radio, but I'm in a bit of a bind and need the benefit of someone else's antenna expertise. I'm in Urbana, IL, and need to pull in one of the FM stations from Chicago, on 97.9 MHz. To pull this one off, I'll be needing a good directional antenna. Its only constraint is that it needs to be small. I haven't the space to put a 20' x 10' array up anywhere. I may have to hang it out my window, or possibly hang it from the ceiling of my dorm room (It faces north)

Any help anyone has to offer would be greatly appreciated...

Jason A. Lindquist .sig unavailable
linky@uiuc.edu 'till system upgrade complete...

Date: 25 Aug 93 16:01:53 GMT
From: ogicse!news.tek.com!cascade.ens.tek.com!ronk@network.ucsd.edu
To: ham-ant@ucsd.edu

References <31074@ksr.com>, <1993Aug24.163838.27260@walter.cray.com>,
<25fjkjINNk6f@sweetpea.genrad.com>
Reply-To : Ron.C.Kirkpatrick@tek.com
Subject : Re: MARS frequencies

In article <25fjkjINNk6f@sweetpea.genrad.com>, dls@genrad.com (Diana L. Carlson) writes:

|> In article <1993Aug24.163838.27260@walter.cray.com> rps@cray.com (Russell P. Starksen) writes:

|> >VHF - (148.125 mHz packet)

|> ^^^^^^^

|> Really? I wasn't aware that CAP shared this frequency with MARS. Is this
|> really true? I do know that (per CAP National Boards two weeks ago) that this
|> frequency will be taken away from CAP within two years....

Yes, it is also a MARS frequency. We are a secondary user unless there is a SAR/DR in progress, then we become primary. Also, Washington Wing is not allowed to use the frequency because of interference with Canadian stations.

--

Ron Kirkpatrick
News Administrator/Postmaster
Tektronix, Inc
503-627-6707

Date: 25 Aug 93 18:09:11 GMT
From: ogicse!news.tek.com!cascade.ens.tek.com!ronk@network.ucsd.edu
To: ham-ant@ucsd.edu

References <31074@ksr.com>, <1993Aug24.163838.27260@walter.cray.com>,
<1993Aug25.101407@kuttner.sfc.sony.com>
Reply-To : Ron.C.Kirkpatrick@tek.com
Subject : Re: MARS frequencies

In article <1993Aug25.101407@kuttner.sfc.sony.com>, weaver@kuttner.sfc.sony.com (Eric Weaver) writes:

|>

|> In article <1993Aug24.163838.27260@walter.cray.com>, rps@cray.com (Russell P. Starksen) writes:

|> |> It's just like the federal Government, "You can't know something unless you
|> |> already know it".

|> |>
|> |> I find it interesting that you can't join MARS unless you have a radio
|> |> that can work 2 of their HF frequencies yet you can't modify your radio
|> |> to work these frequencies unless you have a MARS call sign. :-)
|>
|> Um, surely this is mistaken?
|>
|> A ham can do any doggone thing to his rig as long as he doesn't TRANSMIT
|> outside an authorized band.
|>
|> You can modify your radio to work those frequencies any time; you just can't
|> actually work them until you have the MARS call sign.

What Russell was referring to is that DEALERS (for the most part) will not provide the information needed to open up the transmit range without seeing a copy of your CAP or MARS license.

--

Ron Kirkpatrick
News Administrator/Postmaster
Tektronix, Inc
503-627-6707

Date: (null)
From: (null)
Rick Karlquist
rkarlqu@scd.hp.com

Date: 25 Aug 93 17:14:07 GMT
From: ogicse!uwm.edu!spool.mu.edu!sgiblab!sfcsun!weaver@network.ucsd.edu
To: ham-ant@ucsd.edu

References <ogSHvNm00jWR4KNnRP@andrew.cmu.edu>, <31074@ksr.com>,
<1993Aug24.163838.27260@walter.cray.com>~
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You can modify your radio to work those frequencies any time; you just can't actually work them until you have the MARS call sign.

[Not a ham, just play one on the radio.]

--

Eric Weaver Sony AVTC 3300 Zanker Road, 4th fl. SJ CA 95134 408 955-4904
& Chief Engineer, KFJC 89.7 Foothill College Los Altos Hills, CA 94022

Date: 25 Aug 1993 07:49:39 -0400

From: agate!howland.reston.ans.net!noc.near.net!genrad.com!genrad.com!not-for-mail@ames.arpa

To: ham-ant@ucsd.edu

References <ogSHvNm00jWR4KNnRP@andrew.cmu.edu>, <31074@ksr.com>,

<1993Aug24.163838.27260@walter.cray.com>r-

Subject : Re: MARS frequencies

In article <1993Aug24.163838.27260@walter.cray.com> rps@cray.com (Russell P. Starksen) writes:

>Here is a list of frequencies givin to me in a pamphlet sent by
>the Airforce MARS chief. Frequencies in brackets were derived
>from other sources. It would be nice to have this added to the FAQ. :^)

>

>-----

>+ Air Force MARS +

>-----

>

>HF - 3190.5 kHz

>HF - 4590.0 kHz

>HF - 4832.0 kHz

>HF - 7313.5 kHz

>VHF - 49.980 mHz

>VHF - (148.125 mHz packet)

^^^^^^

Really? I wasn't aware that CAP shared this frequency with MARS. Is this really true? I do know that (per CAP National Boards two weeks ago) that this frequency will be taken away from CAP within two years....

>VHF - 143.45 [(-1.3 split)], and other VHF Freqs.

Diana

--

->Diana L. (Syriac) Carlson dls@genrad.com Ham: KC1SP (Sweet Pea) <-
->I'D RATHER BE FLYING! P-ASEL, INST CAP: CPT, Freedom 690 Mobile<-
->AD ASTRA, PER ASPERA Airplane: None :-(
<-
->GenRad, MS/6, 300 Baker Ave, Concord, Mass. 01742 (508)369-4400 x2459 <-

Date: Thu, 26 Aug 93 00:58:27 GMT
From: psinntp!dg-rtp!webo!dg-webo.webo.dg.com!abraccket@uunet.uu.net
To: ham-ant@ucsd.edu

References <31074@ksr.com>, <1993Aug24.163838.27260@walter.cray.com>,
<25fjkjINNk6f@sweetpea.genrad.com>dg-
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>really true? I do know that (per CAP National Boards two weeks ago) that this
>frequency will be taken away from CAP within two years....

>

>

>

>Diana

>

Really, Why?? Do you know why the freq. "will be taken away from CAP"???

Thanks.

n1iqq
--73-al

Did I drop my .sig in the coffee???

End of Ham-Ant Digest V93 #27
